passing at least a portion of the pressurized sulfur containing fuel gas through a sulfur selective membrane to separate the gas into a sulfur concentrated stream and a sulfur lean stream, the sulfur concentrated stream having a higher sulfur concentration than the sulfur lean stream;

passing the sulfur concentrated stream back into the main fuel feed stream downstream from where the sulfur containing fuel gas is pressurized; and

passing the sulfur lean stream through a sulfur sorbent medium to reduce the sulfur concentration in the sulfur lean stream.

12. (New) The method of claim 11, wherein the sulfur containing fuel gas contains at least 0.30 ppm of odorous sulfur compounds.

13. (New) The method of claim 11, wherein the sulfur containing fuel gas is pressurized to a pressure greater than 304 kPa.

14. (New) The method of claim 11, wherein the sulfur lean stream contains no more than 0.20 ppm of sulfur compounds.

15. (New) The method of claim 11, wherein the gas flow is measured and the gas pressure is adjusted based upon the gas flow measurement.

16. (New) The method of claim 15, wherein the gas flow is measured prior to passing the sulfur lean stream through the sulfur sorbent medium.

17. (New) The method of claim 11, wherein the sulfur sorbent medium reduces the sulfur concentration in the sulfur lean stream to no more than 0.10 ppm of sulfur compounds.

18. (New) The method of claim 11, wherein the sulfur lean stream is reformed prior to contacting a fuel cell.

19. (New) A method of reducing the sulfur concentration in a sulfur containing fuel gas used as feed fuel for a fuel cell system, comprising:

providing a main fuel feed stream containing a sulfur containing fuel gas;

passing at least a portion of the sulfur containing fuel gas through a sulfur selective membrane to separate the gas into a sulfur concentrated stream and a sulfur lean stream, the sulfur concentrated stream having a higher sulfur concentration than the sulfur lean stream;

passing the sulfur concentrated stream back into the main fuel feed stream such that the sulfur concentrated stream does not mix with the sulfur lean stream; and

passing the sulfur lean stream through a sulfur sorbent medium to reduce the sulfur concentration in the sulfur lean stream for use as the feed fuel for the fuel cell system.

20. (New) The method of claim 19, wherein at least a portion of the sulfur containing fuel gas is pressurized to over 304kPa prior to passing the sulfur containing fuel gas through the sulfur selective membrane.

REMARKS

Applicant has added claims 11-20. Thus, claims 1-20 are pending in the application and presented for examination. Applicant respectfully requests allowance of the present application in view of the foregoing amendments and the following remarks.